

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|-------|----------------------------------------------------------------------------------------------------|----------------------------|------------------|---------|------------------|
| S1 | 1024 | 360/126,317.ccls. and (magnetic adj head) | USPAT; JPO | OR | ON | 2004/01/22 09:10 |
| S2 | 309 | (360/126,317.ccls. and (magnetic adj head)) and (second adj (magnetic or yoke)) | USPAT; JPO | OR | ON | 2002/09/20 12:34 |
| S3 | 50810 | 29/603.11, "603.13-17", "605", "606".ccls. | USPAT; JPO; DERWENT | OR | ON | 2003/01/09 10:47 |
| S4 | 123 | 360/126,317.ccls. and (magnetic adj head) and ((write adj gap) same coil) | USPAT; JPO | OR | ON | 2003/05/07 14:20 |
| S5 | 46 | (360/126,317.ccls. and (magnetic adj head) and ((write adj gap) same coil)) and @ad<"19980417" | USPAT; JPO | OR | ON | 2003/05/07 14:12 |
| S6 | 99 | 360/126,317.ccls. and ((write adj gap) same coil same (insulat\$3 adj layer)) | USPAT; JPO | OR | ON | 2003/05/07 14:17 |
| S7 | 26 | (360/126,317.ccls. and ((write adj gap) same coil same (insulat\$3 adj layer))) and @ad<"19980417" | USPAT; JPO | OR | ON | 2003/05/07 14:19 |
| S8 | 268 | ((write adj gap) same coil same (insulat\$3 adj layer)) | USPAT; JPO | OR | ON | 2004/01/23 12:14 |
| S9 | 73 | (((write adj gap) same coil same (insulat\$3 adj layer))) and @ad<"19980417" | USPAT; JPO | OR | ON | 2003/05/07 14:32 |
| S10 | 6 | ("3908194".URPN. and @ad<"19980417") and (magnetic adj head) and ((write adj gap) same coil) | USPAT; JPO | OR | ON | 2003/05/07 14:33 |
| S11 | 373 | 29/603.15, "603.16", "603""", ""18".ccls. | USPAT; JPO; DERWENT | OR | ON | 2003/05/09 11:25 |
| S12 | 1 | JP-61296518-\$ did. | USPAT; JPO; DERWENT | OR | ON | 2004/01/23 11:01 |
| S13 | 6 | (("6385012") or ("5911455") or ("5798890")).PN. | USPAT; USOCR; JPO; DERWENT | OR | OFF | 2003/09/10 13:59 |
| S14 | 2 | ("5798890" "5896249").PN. | USPAT | OR | ON | 2003/09/10 14:20 |
| S15 | 0 | JP-0395715-\$ did. | USPAT; JPO; DERWENT | OR | ON | 2003/09/10 14:31 |
| S16 | 1 | JP-03095715-\$ did. | USPAT; JPO; DERWENT | OR | ON | 2003/09/10 14:31 |

| | | | | | | |
|-----|-------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|----|-----|------------------|
| S17 | 1 | JP-06203330-\$ did. | USPAT; JPO; DERWENT | OR | ON | 2003/09/10 14:31 |
| S18 | 10 | ("4648087" "4729048" "4823205" "4901185" "5073833" "5202803" "5212611" "5229901" "5444589" "5798890").PN. | USPAT | OR | ON | 2003/09/10 14:52 |
| S19 | 1133 | 360/126,317.ccls. and (magnetic adj head) | USPAT; JPO | OR | ON | 2003/09/10 15:12 |
| S20 | 52941 | 29/603.11, "603.13-17", "605", "606".ccls. | USPAT; JPO | OR | ON | 2003/09/10 15:17 |
| S21 | 10208 | (29/603.07,603.11, "603.13-17", "605", "606".ccls.) and magnetic | USPAT; JPO | OR | ON | 2003/09/10 15:19 |
| S22 | 0 | "9050606".URPN. | USPAT | OR | ON | 2004/01/22 09:14 |
| S23 | 2 | ("5798890" "5896249").PN. | USPAT | OR | ON | 2004/01/22 09:31 |
| S24 | 10 | ("4648087" "4729048" "4823205" "4901185" "5073833" "5202803" "5212611" "5229901" "5444589" "5798890").PN. | USPAT | OR | ON | 2004/01/22 09:31 |
| S25 | 3 | ("6130805").PN. | USPAT; USOCR; JPO; DERWENT | OR | OFF | 2004/01/23 10:31 |
| S26 | 2 | ("5872693" "5935644").PN. | USPAT | OR | ON | 2004/01/23 10:17 |
| S27 | 8 | ("4589042" "4839197" "5245493" "5285340" "5325254" "5349745" "5379172" "5652687").PN. | USPAT | OR | ON | 2004/01/23 10:18 |
| S28 | 27 | "5872693".URPN. | USPAT | OR | ON | 2004/01/23 10:19 |
| S29 | 16 | ("4505782" "4943879" "5277750" "5384009" "5438747" "5452164" "5465475" "5809637" "5872693" "5910871" "5916423" "5949625" "5996213" "6029339" "6040965" "6172848").PN. | USPAT | OR | ON | 2004/01/23 10:23 |
| S30 | 8 | "4943879".URPN. | USPAT | OR | ON | 2004/01/23 10:25 |
| S31 | 4 | ("4048714" "4550353" "4558385" "4636897").PN. | USPAT | OR | ON | 2004/01/23 10:26 |
| S32 | 2 | ("5126907").PN. | USPAT; USOCR; JPO; DERWENT | OR | OFF | 2004/01/23 10:44 |
| S33 | 20 | "5126907".URPN. | USPAT | OR | ON | 2004/01/23 10:31 |

| | | | | | | |
|-----|-------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|----|----|------------------|
| S34 | 4 | ("4219855" "4636897" "4769729" "4814921").PN. | USPAT | OR | ON | 2004/01/23 10:43 |
| S35 | 37 | 29/603.07.ccls. and magnetic and resist | USPAT; JPO; DERWENT | OR | ON | 2004/01/23 10:45 |
| S36 | 17 | ("4224361" "4516180" "4875124" "4933209" "5045961" "5118386" "5282308" "5646804" "5870262" "5877924" "5901431" "5926349" "5966800" "6043959" "6181514" "6209192" "6337783").PN. | USPAT | OR | ON | 2004/01/23 10:49 |
| S37 | 5 | ("5452164" "6104576" "6111724" "6154345" "6163436").PN. | USPAT | OR | ON | 2004/01/23 10:56 |
| S40 | 29117 | (second adj (pole or magnetic)) or (upper adj pole) or (yoke adj (portion or part)) | USPAT; JPO; DERWENT | OR | ON | 2004/01/23 11:17 |
| S41 | 22962 | (second adj (pole or magnetic)) | USPAT; JPO; DERWENT | OR | ON | 2004/01/23 11:11 |
| S42 | 6821 | (upper adj (pole or magnetic)) | USPAT; JPO; DERWENT | OR | ON | 2004/01/23 11:12 |
| S43 | 4921 | (yoke adj (portion or part)) | USPAT; JPO; DERWENT | OR | ON | 2004/01/23 11:12 |
| S44 | 33248 | ((second adj (pole or magnetic))) or ((upper adj (pole or magnetic))) or ((yoke adj (portion or part))) | USPAT; JPO; DERWENT | OR | ON | 2004/01/23 11:12 |
| S45 | 80300 | (photoresist or \$5resist\$3 or mask\$3) adj layer | USPAT; JPO; DERWENT | OR | ON | 2004/01/23 11:13 |
| S46 | 818 | (((second adj (pole or magnetic))) or ((upper adj (pole or magnetic))) or ((yoke adj (portion or part)))) and ((photoresist or \$5resist\$3 or mask\$3) adj layer) | USPAT; JPO; DERWENT | OR | ON | 2004/01/23 11:14 |
| S47 | 1802 | outer adj magnetic | USPAT; JPO; DERWENT | OR | ON | 2004/01/23 11:15 |
| S48 | 12 | (((second adj (pole or magnetic))) or ((upper adj (pole or magnetic))) or ((yoke adj (portion or part)))) and ((photoresist or \$5resist\$3 or mask\$3) adj layer)) and (outer adj magnetic) | USPAT; JPO; DERWENT | OR | ON | 2004/01/23 11:15 |

| | | | | | | |
|----------|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|----|-----|------------------|
| S49 | 231 | ((second adj (pole or magnetic)) or (upper adj pole) or (yoke adj (portion or part))) same ((photoresist or \$5resist\$3 or mask\$3) adj layer) | USPAT; JPO; DERWENT | OR | ON | 2004/01/23 11:18 |
| S50 | 131 | (((second adj (pole or magnetic)) or (upper adj pole) or (yoke adj (portion or part))) same ((photoresist or \$5resist\$3 or mask\$3) adj layer)) and @ad<"19980826" | USPAT; JPO; DERWENT | OR | ON | 2004/01/23 11:18 |
| S51 | 2 | ("5452164" "5694276").PN. | USPAT | OR | ON | 2004/01/23 11:32 |
| S52 | 1 | "5710510".URPN. | USPAT | OR | ON | 2004/01/23 11:35 |
| S53 | 2 | ("3336154" "5393557").PN. | USPAT | OR | ON | 2004/01/23 11:35 |
| S54 | 2 | ("5126907").PN. | USPAT; USOCR; JPO; DERWENT | OR | OFF | 2004/01/23 12:07 |
| S55 | 2 | ("6233913").PN. | USPAT; USOCR; JPO; DERWENT | OR | OFF | 2004/01/23 12:07 |
| S56 | 2 | ("6233813").PN. | USPAT; USOCR; JPO; DERWENT | OR | OFF | 2004/01/23 12:08 |
| S14 1 | 40 | (US-3908194-\$ or US-4729048-\$ or US-5057798-\$ or US-5313356-\$ or US-5622525-\$ or US-5695656-\$ or US-5710510-\$ or US-5722156-\$ or US-5722157-\$ or US-5749769-\$ or US-5764446-\$ or US-5798890-\$ or US-5872693-\$ or US-5885131-\$ or US-5896249-\$ or US-5907459-\$ or US-5935644-\$ or US-6032353-\$ or US-6043959-\$ or US-6104576-\$ or US-6111724-\$ or US-6113464-\$ or US-6118629-\$ or US-6126989-\$ or US-6172848-\$ or US-6183891-\$).did. or (US-6185177-\$ or US-6226149-\$ or US-6260256-\$ or US-6317288-\$ or US-6326303-\$ or US-6330127-\$ or US-6330743-\$ or US-6333841-\$ or US-6419845-\$ or US-6490130-\$).did. or (JP-01042014-\$ or JP-09050606-\$ or JP-57162115-\$).did. or (JP-04137212-\$).did. | USPAT; JPO; DERWENT | OR | ON | 2005/06/30 14:04 |
| S14 2 | 8842 | (upper adj core) or (second adj core) or (upper adj magentic adj layer) | USPAT; JPO; DERWENT | OR | ON | 2005/06/30 14:06 |

| | | | | | | |
|----------|--------|--------------------------------------------------------------------------------------|-------------------------------------|----|-----|------------------|
| S14 3 | 2 | S141 and S142 | USPAT; JPO; DERWENT | OR | ON | 2005/06/30 14:05 |
| S14 4 | 474 | ((upper adj core) or (second adj core) or (upper adj magentic adj layer)) with width | USPAT; JPO; DERWENT | OR | ON | 2005/06/30 14:06 |
| S14 5 | 110886 | width with (increas\$3 or decres\$3) | USPAT; JPO; DERWENT | OR | ON | 2005/06/30 14:06 |
| S14 6 | 115 | S144 and S145 | USPAT; JPO; DERWENT | OR | ON | 2005/06/30 14:07 |
| S14 7 | 65 | S146 and @ad<"19991112" | USPAT; JPO; DERWENT | OR | ON | 2005/06/30 14:20 |
| S14 8 | 3 | ("4921508" "5600519" "5995343").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/30 14:14 |
| S14 9 | 2 | ("4689877" "4841625").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/30 14:15 |
| S15 0 | 11 | ("4921508").URPN. | USPAT | OR | ON | 2005/06/30 14:15 |
| S15 1 | 6 | ("4921508" "5218499" "5617278" "5805391" "5995343" "6055137").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/30 14:19 |
| S15 2 | 562 | sasaki-yoshitaka.in. | USPAT; JPO; DERWENT | OR | ON | 2005/06/30 14:20 |
| S15 3 | 0 | S144 and S152 | USPAT; JPO; DERWENT | OR | ON | 2005/06/30 14:20 |
| S15 4 | 99 | S145 and S152 | USPAT; JPO; DERWENT | OR | ON | 2005/06/30 14:20 |
| S15 5 | 30 | S154 and @ad<"19991112" | USPAT; JPO; DERWENT | OR | ON | 2005/06/30 14:20 |
| S15 6 | 8 | (("5600519") or ("5438747") or ("6163436") or ("6373657")).PN. | USPAT; USOCR; JPO; DERWENT | OR | OFF | 2005/06/30 14:24 |

[Home](#) | [Login](#) | [Logout](#) | [Access Information](#) | [Alerts](#) |

Welcome United States Patent and Trademark Office

Search Results**BROWSE****SEARCH****IEEE XPLORE GUIDE**

Results for "(((magnetic head) <and> (core) <and> width)<in>metadata)) <and> (pyr >= ..."

 e-mail

Your search matched 13 of 1189536 documents.

A maximum of 100 results are displayed, 25 to a page, sorted by Relevance in Descending order.

[» View Session History](#)[» New Search](#)[Modify Search](#)**» Key**

IEEE JNL IEEE Journal or Magazine

IEE JNL IEE Journal or Magazine

IEEE CNF IEEE Conference Proceeding

IEE CNF IEE Conference Proceeding

IEEE STD IEEE Standard

Select Article Information

 Check to search only within this results setDisplay Format: Citation Citation & Abstract**1. Magnetic properties and domain structure of high B_s Co-based amorphous films**

Okubo, K.; Arimoto, Y.; Fumoto, T.; Yamasaki, H.;

Magnetics, IEEE Transactions on

Volume 29, Issue 6, Nov 1993 Page(s):2530 - 2532

[AbstractPlus](#) | Full Text: [PDF\(320 KB\)](#) IEEE JNL**2. Fabrication of thin film inductive heads with top core separated structure**

Kawabe, T.; Fuyama, M.; Narishige, S.; Sugita, Y.;

Magnetics, IEEE Transactions on

Volume 27, Issue 6, Nov 1991 Page(s):4936 - 4938

[AbstractPlus](#) | Full Text: [PDF\(264 KB\)](#) IEEE JNL**3. Domain structures in multi-layered Co-Ni-Fe-Pd films observed by spin-polarized**

Mitsuo, K.; Sudo, S.; Sano, M.; Nishioka, K.; Narishige, S.; Sugita, Y.;

Magnetics, IEEE Transactions on

Volume 24, Issue 6, Nov 1988 Page(s):2823 - 2825

[AbstractPlus](#) | Full Text: [PDF\(240 KB\)](#) IEEE JNL**4. A low inductance metal-in-gap head using a side-core concept**

Sano, A.; Egawa, M.; Nitta, M.; Takayanagi, K.; Matsushita, T.; Fujita, T.; Packard, E. R.; Frost, J.; Watanabe, T.;

Magnetics, IEEE Transactions on

Volume 29, Issue 6, Nov 1993 Page(s):3888 - 3890

[AbstractPlus](#) | Full Text: [PDF\(256 KB\)](#) IEEE JNL**5. Improvements of reproducing sensitivity in single-pole type perpendicular magn**

Takano, K.; Nakamura, Y.;

Magnetics, IEEE Transactions on

Volume 27, Issue 6, Nov 1991 Page(s):4927 - 4929

[AbstractPlus](#) | Full Text: [PDF\(464 KB\)](#) IEEE JNL**6. A magnetic head for 150 MHz, high density recording**

Ash, K.P.; Wachenschwanz, D.; Brucker, C.; Olson, J.; Trcka, M.; Jagielinski, T.;

Magnetics, IEEE Transactions on

Volume 26, Issue 6, Nov. 1990 Page(s):2960 - 2965

[AbstractPlus](#) | Full Text: [PDF\(472 KB\)](#) IEEE JNL

7. **Laminated hard disk head for high density magnetic recording**
Kitamura, M.; Makino, S.; Takeshima, Y.; Sugimura, T.; Minami, K.; Motomura, Y.; Tan
Magnetics, IEEE Transactions on
Volume 27, Issue 6, Nov 1991 Page(s):4945 - 4947
[AbstractPlus](#) | Full Text: [PDF\(504 KB\)](#) | IEEE JNL
8. **The thin film head for VCR**
Suzuki, T.; Abe, I.; Mizuguchi, T.; Morita, O.; Takino, H.;
Magnetics, IEEE Transactions on
Volume 30, Issue 6, Nov 1994 Page(s):3936 - 3938
[AbstractPlus](#) | Full Text: [PDF\(204 KB\)](#) | IEEE JNL
9. **Magnetic properties and thermal stability of electroplated NiFeCr and NiFeMo film resistivity**
Hoshino, K.; Sano, M.; Narumi, S.; Fuyama, M.;
Magnetics, IEEE Transactions on
Volume 35, Issue 5, Sept. 1999 Page(s):3433 - 3435
[AbstractPlus](#) | [References](#) | Full Text: [PDF\(164 KB\)](#) | IEEE JNL
10. **The side-erasing effect in narrow track recording**
Kawaguchi, M.; Tsuneki, K.; Kubota, Y.;
Magnetics, IEEE Transactions on
Volume 27, Issue 6, Nov 1991 Page(s):4900 - 4902
[AbstractPlus](#) | Full Text: [PDF\(228 KB\)](#) | IEEE JNL
11. **Off-track characteristics of laminated heads in azimuth recording**
Ura, M.; Kobayashi, H.; Horibata, S.; Sato, K.; Shibata, H.;
Magnetics, IEEE Transactions on
Volume 30, Issue 6, Nov 1994 Page(s):3939 - 3941
[AbstractPlus](#) | Full Text: [PDF\(240 KB\)](#) | IEEE JNL
12. **A new horizontal thin film head**
Umesaki, M.; Ohdoi, Y.; Hata, H.; Yabushita, K.; Morikawa, K.; Kishi, H.; Horibata, S.;
Magnetics, IEEE Transactions on
Volume 27, Issue 6, Nov 1991 Page(s):4933 - 4935
[AbstractPlus](#) | Full Text: [PDF\(568 KB\)](#) | IEEE JNL
13. **Fabrication of narrow-track-video-head with sendust-sputtered film**
Shibaya, H.; Fukuda, I.;
Magnetics, IEEE Transactions on
Volume 8, Issue 3, Sep 1972 Page(s):500 - 500
[AbstractPlus](#) | Full Text: [PDF\(112 KB\)](#) | IEEE JNL